

## Abstract

TPE and TPV excellent in flexibility, compression set and mechanical strength are obtained by using a conjugated diene-based polymer having a sharp molecular weight distribution which is obtained by polymerization using a  
5 neodymium-based catalyst.

A thermoplastic elastomer composition containing (A) a conjugated diene-based polymer obtained by polymerizing a conjugated diene-based compound using a rare earth element  
10 compound-based catalyst and (B) a thermoplastic resin, and a formed article using the same.